

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-606

Relating to Certification of New Heavy-Duty Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43835 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1993 model-year General Motors Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds are certified using the Otto-cycle engines listed below:

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>		<u>Engine Model Year and Certification Executive Order No</u>	
General Motors	PGM04.3BLAX	4.3	(262)	1993	A-6-605
	PGM05.7BLAX	5.7	(350)	1993	A-6-605
	PGM07.4BNA3	7.4	(454)	1993	A-6-605

The certification exhaust emission standards for these engine families in grams per brake horsepower-hour are:

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
1.1	14.4	5.0

The certification exhaust emission values for these engine families in grams per brake horsepower-hour are:

<u>Engine Family</u>	<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
PGM04.3BLAX	0.5	7.5	3.7
PGM05.7BLAX	0.6	9.0	3.4
PGM07.4BNA3	0.6	14.0	3.9

BE IT FUTHER RESOLVED: That 1993 model-year vehicle models listed on the attached sheets also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicle".

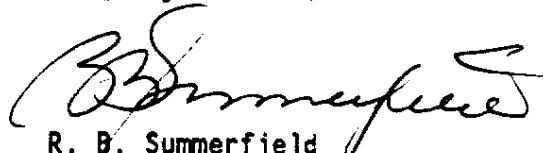
BE IT FURTHER RESOLVED: That for the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 2nd day of June, 1992.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

(1993)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY DUTY GASOLINE VEHICLES

LESS THAN 14,000 GVWR

Manufacturer: General Motors Corporation

Executive Order No.: A-6-606

Engine Families:

^{.263}
PGM04.3BLAX

^{11.882}
PGM05.7BLAX

^{15.171}
PGM07.4NBA3

Vehicle Models (Series)

Engine CID Values Appear Below

Forward Control - G Models

Hi-Cube Van/Magnavan	- G30	262	350	454
Cutaway Van/Vandura Spl	- G30	262	350	454
Van/Vandura	- G30		350	
Sportvan/Rally Wagon	- G30		350	454

Forward Control - P Models

Forward Control Chassis	- P20		350	
Step-Van/Value Van	- P20		350	

Forward Control Chassis	- P30	262	350	454
Motor Home Chassis	- P30			454
Step-Van/Value Van	- P30	262	350	454

Conventional Cab & Chassis

C6D042
C7D042, C7D064

School Bus

B6P042
S7T042

Forward Control Chassis

P4T042	262			
P6T042				

Pickup

CK20	262	350	454
CK30		350	454

Suburban

CK20		350	454
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ISSUED: 01-10-92

REV. NO.:

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HDG-SDS

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FUEL TANK SUMMARY
CHEVROLET/GMC 20 & 30 SERIES VEHICLES

VEHICLE	TANK SHAPE	BASE CAPACITY GALLONS	OPTIONAL CAPACITY GALLONS	TOTAL CAPACITY GALLONS
Forward Control G Models	Rectangular Rectangular	22.0 -	- 33.0	22.0 33.0
Forward Control P Models: Motor Home Chassis	Rectangular Rectangular	40.0	- 60.0 75.0 80.0	40.0 60.0 75.0 80.0
Forward Control P Models: Step-Van/Value Van & FC Chassis	Rectangular Rectangular	40.0 31.0(1)	- -	40.0 31.0(1)
Conventional Pickup & Cab Chassis	Rectangular Rectangular	20.0	20.0	20.0 40.0
Conventional Suburban	Rectangular Rectangular Rectangular	25.5	31.5 39.7	25.5 31.5 39.7

(1) Special equipment option (SEO) only.

ISSUED: 01-10-92

HDG-EVAP

A-6-606

FUEL TANK SUMMARY
CHEVROLET/GMC 4, 6, 7 SERIES VEHICLES

VEHICLE	TANK SHAPE	BASE CAPACITY GALLONS	OPTIONAL CAPACITY GALLONS	TOTAL CAPACITY GALLONS
Conventional Truck	Rect. - Step	50		50
	Rect. - Step	50	50	100
School Bus	Rectangular	30		30
	Rectangular		60	60
Forward Control	Rectangular	30		30
			60	60

ISSUED: 01-10-92

HDG-EVAP